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CLAIMS

What is claimed is:

- 1. A method of producing corn hybrid seed in a production field comprising:
 - a) planting a female corn inbred which is homozygous for the GaS allele;
 - b) planting a male corn inbred line which is homozygous for the GaS allele, and
 - c) allowing said male to cross with said female to produce F₁ hybrid seed which is homozygous for the GaS allele, and harvesting the resultant F₁ hybrid seed.
- 2. The method of claim 1 wherein said female inbred is an elite yellow corn inbred.
- 3. The method of claim 1 wherein said male inbred is an elite yellow corn inbred.
 - 4. The F_1 seed produced by the method of claim 1.
- 20 5. A method of producing field corn comprising:
 - a) planting a male corn inbred which is homozygous for the GaS allele;
 - b) allowing said male inbred to cross with a second corn genotype as the female to produce F_1 hybrid seed and harvesting the resultant F_1 seed.
 - 6. The method of claim 5 wherein said male inbred is an elite yellow corn inbred.
- 7. The method of claim 5 wherein said second corn genotype is an elite yellow corn inbred.

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- 8. The F_1 seed produced by the method of claim 5.
- 9. An elite yellow corn inbred plant homozygous for GaS alleles.
- 5 Yellow dent or flint corn seed produced by selfing the inbred plant of claim 9.
 - 11. Hybrid yellow corn plants produced by using the inbred plant of claim 9 as one of its parents.
 - 12. An elite inbred corn plant heterozygous for GaS and ga alleles.
 - 13. Corn seed produced by selfing the inbred plant of claim 12.
 - 14. Hybrid corn plants produced by using the inbred plant of claim 12 as one of its parents and wherein said inbred plant has at least one GaS allele.
 - 15. The method of claim 1 wherein said F_1 seed produced has less than .05 percent outcross seed.
 - 16. The method of claim 1 wherein said F_1 seed produced has less than .01 percent outcross seed.

A method of producing an elite yellow corn GaS inbred comprising:

yellow corn inbred to produce an F₁ hybrid seed;

crossing a corn inbred containing the GaS allele with an elite

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a)

The seed produced by the method of claim 18.